



PTO/SB/08A (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/775,702
		Filing Date	February 9, 2004
		First Named Inventor	Ikuya Yagisawa
		Art Unit	2187
		Examiner Name	Matthew A. Bradley
Sheet	1	of	2
		Attorney Docket Number	16869N-104800US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
MB	1	2005/0060618	03-17-2005	Guha	_____
MB	2	2004/0260967	12-23-2004	Guha et al.	_____
MB	3	2004/0180183	09-30-2004	Tamai et al.	_____
MB	4	6,789,283	09-28-2004	Tamai et al.	_____
MB	5	2004/0160975	08-19-2004	Frank et al.	_____
MB	6	6,598,174	07-22-2003	Parks et al.	_____
MB	7	2003/0120863	06-26-2003	Lee et al.	_____
MB	8	2003/0120864	06-26-2003	Lee et al.	_____
MB	9	2003/0120869	06-26-2003	Lee et al.	_____
MB	10	2003/0101316	05-29-2003	Krishnamurthy	_____
MB	11	2002/0068050	05-30-2002	Lerman et al.	_____
MB	12	6,154,853	11-28-2000	Kedem	_____
MB	13	6,044,444	03-28-2000	Ofek	_____
MB	14	5,974,544	10-26-1999	Jeffries et al.	_____
MB	15	5,959,860	09-28-1999	Styczinski	_____
MB	16	5,802,264	09-01-1998	Chen et al.	_____
MB	17	5,267,242	11-30-1993	Lavallee et al.	_____
MB	18	5,537,567	07-16-1990	Galbraith et al.	_____

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		

Examiner Signature	Matthew Bradley	Date Considered	1/9/06
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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
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Sheet	2	of	2	Attorney Docket Number	16869N-104800US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MB	19	ALVAREZ et al. "Tolerating multiple failures in RAID architectures with optimal storage and uniform declustering," Proceedings of the 24th annual international symposium on Computer architecture pp. 62-72 (1997).	
MB	20	COHEN et al. "Segmented information dispersal (SID) for efficient reconstruction in fault-tolerant video servers," Proceedings of the fourth ACM international conference on Multimedia pp.277-286 (1997).	
MB	21	HOU "Comparing rebuild algorithms for mirrored and RAID5 disk arrays," Proceedings of the 1993 ACM SIGMOD international conference on Management of data pp. 317-326 (1993).	
MB	22	MENON et al. "Comparison of sparing alternatives for disk arrays," Proceedings of the 19th annual international symposium on Computer architecture pp. 318-329 (1992).	
MB	23	MOGI et al. "Hot mirroring: a method of hiding parity update penalty and degradation during rebuilds for RAID5," Proceedings of the 1996 ACM SIGMOD international conference on Management of data pp. 183-194 (1996).	
MB	24	MUNTZ et al. "Performance Analysis of Disk Arrays Under Failure," Proceedings of the 16th Conference on Very Large Databases (VLDB) pp.162-173 (1990).	

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MB	1	US-6,324,654	11-27-2001	Wahl et al.	_____
MB	2	US-5,734,818	03-31-1998	Kern et al.	_____

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